

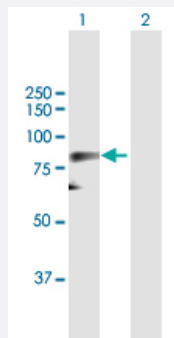
MaxPab®

CDC25B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000994-B01P

Size 50 ug

Applications

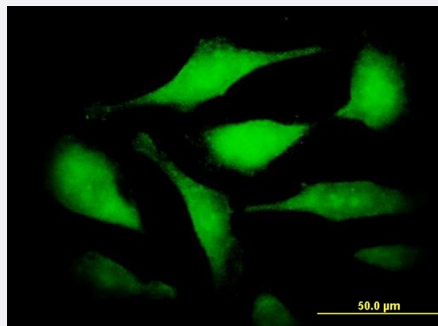


Western Blot (Transfected lysate)

Western Blot analysis of CDC25B expression in transfected 293T cell line ([H00000994-T01](#)) by CDC25B MaxPab polyclonal antibody.

Lane 1: CDC25B transfected lysate (63.8 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CDC25B on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CDC25B protein.

Immunogen

CDC25B (NP_068659.1, 1 a.a. ~ 580 a.a) full-length human protein.

Sequence	MEVPQPEPAPGSALSPAGVCGGAQRPGHLPGLLLGSHGLLGSPVRAAASSPVTTLTQTMHDLA GLGSETPKSQVGTLLFRSRSLTHLSLSRRASESSLSSSESSSDAGLCMDSPSPMDPHMAEQ TFEQAIQAASRIIRNEQFAIRRFQSMPVRLLGHSPLVRNITNSQAPDGRRKSEAGSGAASSSGEDK ENDGFVFKMPWKPTHPSSTHALAEWASRREAFQRPSSAPDLMCLSPDRKMEVEELSPLALG RFSLTPAEGDTEEDDGFDILESDLKDDDAVPPGMESLISAPLVKLEKEEEKDLVMYSKCQRLF RSPSPMPCSVIRPILKRLERPQDRDTPVQNKRRRSVTPPEEQQEAEKARVLRSLCHDEIENL LDSDHRELIGDYSAFLLQTVDGKHQDLKYSPETMVALLTGKFSNVDKDFVVDCRYPYEYEGGHIK TAVNLPLEDAESFLLKSPIAPCSLDKRVILIFHCEFSSESGPRMCRFIRERDRAVNDYPSLYPEM YILKGGYKEFFPQHPNFCEPQDYRPMNHEAFKDELKTFRLKTRSWAGERSRRELCSRLQDQ
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — CDC25B

Entrez GeneID	994
GeneBank Accession#	NM_021873.2
Protein Accession#	NP_068659.1
Gene Name	CDC25B
Gene Alias	-

Gene Description	cell division cycle 25 homolog B (S. pombe)
Omim ID	116949
Gene Ontology	Hyperlink
Gene Summary	CDC25B is a member of the CDC25 family of phosphatases. CDC25B activates the cyclin dependent kinase CDC2 by removing two phosphate groups and it is required for entry into mitosis. CDC25B shuttles between the nucleus and the cytoplasm due to nuclear localization and nuclear export signals. The protein is nuclear in the M and G1 phases of the cell cycle and moves to the cytoplasm during S and G2. CDC25B has oncogenic properties, although its role in tumor formation has not been determined. Multiple transcript variants for this gene exist. [provided by RefSeq]
Other Designations	OTTHUMP00000030137 OTTHUMP00000030138 OTTHUMP00000030139 cell division cycle 25B

Pathway

- [Cell cycle](#)
- [MAPK signaling pathway](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)